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(21) International Application Number: PCT/US97/07521 (22) International Filing Date: 2 May 1997 (02.05.97) (30) Priority Data: 60/016,899 6 May 1996 (06.05.96) US 9610995.4 24 May 1996 (24.05.96) GB (71) Applicant (for all designated States except US): MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): CASKEY, C., Thomas [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). HESS, John, W. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). HEY, Patricia [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). PHILLIPS, Michael, S. [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). (74) Common Representative: MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).		(81) Designated States: CA, JP, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.
(54) Title: <i>OB</i> RECEPTOR ISOFORMS AND NUCLEIC ACIDS ENCODING THEM		
(57) Abstract		
<p>The <i>ob</i> receptor has numerous isoforms resulting from alternative splicing; three novel isoforms, designated c', f, and g are disclosed. The nucleic acids encoding these isoforms are taught. Also part of the invention are vectors containing the nucleic acid encoding the receptors, host cells transformed with these genes, and assays which use the genes or protein isoforms.</p>		

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